



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/583,863	06/01/2000	Guy Nathan	871-80	4666
23117	7590	06/26/2007	EXAMINER	
NIXON & VANDERHYE, PC			SHANG, ANNAN Q	
901 NORTH GLEBE ROAD, 11TH FLOOR				
ARLINGTON, VA 22203			ART UNIT	PAPER NUMBER
			2623	
			MAIL DATE	DELIVERY MODE
			06/26/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/583,863	NATHAN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Annan Q. Shang	2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 27 February 2007.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1 and 4-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1 and 4-6 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ .                                    |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ .  | 6) <input type="checkbox"/> Other: _____ .                        |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 02/27/07 has been entered.

### ***Claim Rejections - 35 USC § 112***

2. Claims 1 and 4-6 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. In particular, there is no disclosure that "...having an available memory of a specified minimum size sufficient to store all data packets of a file..." lacks support.

### ***Response to Arguments***

3. Applicant's arguments with respect to claims 1 and 4-6 have been considered but are moot in view of the new ground(s) of rejection discuss below.

With respect to claims 1 and 4-6, rejected under 35 U.S.C. 102(b) as being anticipated by Guy Nathan et al. (WO 96/12257), Applicant amends independent claim 1 and argues that "...Nathan does not teach or suggest every element of the claimed combination...‘opening a reception file on a permanent storage area, of the audiovisual data reproduction system, having an available memory of a specified minimum size sufficient to store all data packets of a file to be sent by the central server’..." (see page 6+ of Applicant’s remarks).

In response, Examiner disagrees. Examiner notes Applicant’s arguments, however the arguments are moot in view of the 112 first rejection discussed above. Nathan further teaches that, the hard disk system stores songs, videos, etc., and that part of the songs, videos, etc., not stored because of insufficient space, the manager or operator deletes a few songs, videos, etc., from the disk to again request that the center send these songs, videos, etc., or the part not received and further suggests that they can be done physically in circuit to which they are assign or implemented by software (page 25, line 35-page 26, line 17), which is clearly anticipated and hence meets, the claim limitations

With respect to Applicant’s cited pages in the specification to support the newly claim limitation, Examiner does not see how the limitations are supported in the specification. For example, if the minimum size is 5 M and a file size is 10 M, it is not clear from the claim limitations or the specification, how all the 10 M file will be received and stored on a minimum space of 5 M. Hence the amendment to the claims do not overcome the prior art of record. The 102(b) rejection meets all the claim limitations as

discussed below. The amendment to the independent claim necessitated the new grounds of rejection. This office action is non-final.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1,4-6 are rejected under 35 U.S.C. 102(b) as being anticipated by **Guy Nathan et al. (WO 96/12257)**.

As to claim 1, **Guy Nathan** discloses a method for receiving files sent by a central server to an audiovisual data reproduction system (jukebox 1) managed by an OS and linked to the server (41), using a data transfer link (Communication link between jukebox and server through the "adaptateur de modem de telecommunications"; page 10, lines 3-6), the process (Abstract) comprising:

Initializing a link between the central server and an audiovisual data reproduction system (page 13, lines 12-26 and page 16, lines 1-15);

Opening a reception file on a permanent storage area of the audiovisual data reproduction system, having an available memory of a specified minimum size to store data packets of a file to be sent by the central server (...si l'enregistrement d'une ou plusieurs chansons ou video ou encore d'une parties de chanson ou video n'a pu etre

Art Unit: 2623

fait faute de place suffisante sur le disque ou les moyens de stockage..., see page 25, lines 35-page 26, lines 8. Specifically, page 26, lines 12-17, "Ainsi lorsqu'il est question de tampons, il est rappelé le que ceux-ci peuvent être présents soit physiquement sur le circuit auquel ils sont affectés soit réalisé par logiciel en réservant des emplacements de mémorisation dans le mémoire du système." the buffering could also be done by reserving space/location/size of the memory within the memory of the system or in another word, the "tampons" or buffers could be reserved using any types of memories, i.e., RAM/ROM/HDD... )

Receiving each packet of the file sent by the central server and storing the packet sent by the central server 41 on the opened storage area 21 of the audiovisual data reproduction system (jukebox; page 12, lines 18-20; page 18, lines 5-10), each file having information representative of a type of data associated with the file (each audiovisual file comprising specified information (record's field) representative of the type of data contained in the file (see Fig. 6, el. 1613 permet de connaître la categories à savoir jazz, classique, variété, etc...page 21, lines 14-15 and see page 21, lines 4-page 22, lines 17); a specific reception function being associated to each received file (page 18, lines 15-20; "...dans l'ordre de priorité un premier test (761) pour déterminer si la tâche vidéo est active ....pour déterminer si la tâche son est active.., détermine si la tâche communication est active..."),

"for each file received, searching, for a reception function to be associated with each received file based at least in part on the information representative of the type of data associated with the file", reads on page 18, lines 13-15 and Nathan's Database

management system (a specific reception function) because DBMS is a software interface between the database and the user in which the DBMS handles performs database actions, i.e., search, update, retrieve ....of the database's records (audiovisual files) of the database stored on the storage by the record's fields (specified information ) representative of the type of data (i.e., song or video) contained in the record (...effectuer les mises a jour des base de donnees ou de version de chanson souhaitées; page 25, lines 18-20). "processing each file by the corresponding reception function, the processing comprising copying the received file stored in the storage area to update a database of the audiovisual reproduction system according to the data included in the received file" reads on Nathan' s Database management system inherently comprises the process of writing/copying of the file received to a specified storage area 21, as discussed above ("mises a jour des base de données" page 22, lines 18-27 ; page 24, lines 8-24 and pages 25, lines 18-22);

As to claim 4, Guy Nathan further discloses wherein the search step is activated when the last data packet of the file (...ou enfin l'indication qu'il sagit d'un dernier bloc de transmission; page 23, lines 18-20). Note, "last data packet of the file" reads on the system checks the status of the last received packets of the file, i.e., "pas de detection derrieres; page 24, lines 8- page 25, lines 13); Accordingly, the system depends on this 3rd field (un troisième champ 812) for determining the downloading process is complete or not so that the system is able to proceed to the next step, i.e., write the downloaded file to the database/disk drive or requests the server for retransmission (...Ceci permet au central de les reemettre; page 25, lines 28-34).

As to claim 5, Guy Nathan further discloses wherein the information representative of the type of data comprises the file extension or the name of the file received (Fig. 6; page 21, lines 4-17).

As to claim 6, Guy Nathan further discloses wherein when the information representative of the type of data represent a song file, the database update step comprises at least one of the following steps: checking the compatibility of the song file with a version of an operating system of the audiovisual data reproduction system (page 23, lines 8-13; page 24, lines 9-page 25, lines 22); updating a file stored on the audiovisual data reproduction system that identifies all songs stored on the audiovisual data reproduction system; updating a statistic table in the data base making it possible to determine the selection frequency of the song corresponding to the file stored in memory (page 23, lines 12); updating a purchase table containing the number and name of all the songs purchased for the reproduction system (page 7, lines 7-10; page 22, lines 18-27); "updating a counter of songs that can be selected to check that the number of songs that can be selected is not greater than a specified threshold" reads on Nathan's system provides a message to the operator indicating the number of songs could not be downloaded/recorded to the system due to the size/capacity of the storage is not enough and permits the operator to decide to remove of certain song from the selected list or storage so the downloading/recording process (...le system...signale par un affichage...les numeros de chanson ou video qui n'ont pu etre enregistres faute de place. Ceci permet au gerant apres avoir decide l'effacement de certaines chansons ou

Art Unit: 2623

video du disque dur de redemander au central renvoi de ces chanson ou video ou de la partie non recue ; page 26, lines 5-8).

***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ballhorn (6,598,230) discloses multimedia box network.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Annan Q. Shang** whose telephone number is **571-272-7355**. The examiner can normally be reached on **700am-400pm**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Christopher S. Kelley** can be reached on **571-272-7331**. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Art Unit: 2623

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the **Electronic Business Center (EBC)** at **866-217-9197 (toll-free)**. If you would like assistance from a **USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.**



Annan Q. Shang